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SECMP0046 Refinement Consultation

1. Purpose

This is the Refinement Consultation for [SECMP0046 'Allow DNOs to control Electric Vehicle chargers connected to Smart Meter infrastructure'](#). We invite you to respond to this consultation in order to help the Proposer in the development of this modification.

The draft Modification Report is included in this consultation pack, along with a response form containing the questions we seek your views on.

This consultation will close at **17:00 on Friday 15 November 2019**. We may not be able to consider late responses.

2. Summary of the proposal

What is the issue?

There is a rise in Electric Vehicle ownership and domestic Electric Vehicle charging points. The trend in uptake of Electric Vehicles appear to be in clusters. Along with faster domestic chargers being developed, this is anticipated to pose a risk of overload on low voltage networks (or feeders). Overloading events could cause melting of the low voltage network, or a blown fuse, resulting in power outages. These power outages would affect all households on the low voltage network, up to 250 domestic properties.

What is the Proposed Solution?

The Proposed Solution is to use HAN Connected Auxiliary Load Control Switches (HCALCS) that will be connected to domestic Electric Vehicle chargers. This modification seeks to allow Electricity Distributors to send the relevant Service Request (already available to Suppliers) via the Data Communication Company (DCC) to alter the load on a domestic Electric Vehicle charger. This would be in the event that the Electricity Distributor detects a potential risk of overloading on a low voltage network.

The legal text to achieve this solution will be available in the coming weeks.

Will I be impacted?

SECMP0046 is expected to impact the following SEC Parties:

- Large Suppliers
- Small Suppliers
- Network Parties (Electricity Network Operators)

- Other SEC Parties
- The DCC

Full details of how this modification may impact you can be found in the Modification Report.

3. Contact

If you have any questions on this modification, please contact **Jordan Crase** on 020 3574 8863 or email sec.change@gemserv.com.